

**Table S1.** Descriptions of all phytoplankton-associated bacterial isolates. All isolates were obtained by streaking phytoplankton cultures on solid R2A media. Full 16S sequences can be found on this paper's github page: <<https://github.com/sjackrel/Microbiomes-Reduce-their-Host-s-Sensitivity-to-Interspecific-Interactions>>.

Isolate #	Algal Host	Morphological Description	Identification
1 <sub>C.m.</sub>	<i>C. microporum</i>	Large, orange	<i>Blastomonas natatoria</i>
2 <sub>M.m.</sub>	<i>M. minutum</i>	Dark orange	Unknown
3 <sub>M.m.</sub>	<i>M. minutum</i>	Small, clear, white	<i>Rhizobium sp.</i>
4 <sub>O.p.</sub>	<i>O. polymorpha</i>	Light orange	<i>Microbacterium sp.</i>
5 <sub>O.p.</sub>	<i>O. polymorpha</i>	Darker orange, smaller	Uncultured bacteria
6 <sub>S.a.</sub>	<i>S. acuminatus</i>	Small, yellow, translucent	<i>Microbacterium sp.</i>
7 <sub>S.a.</sub>	<i>S. acuminatus</i>	Orange	<i>Sphingomonas sp.</i> or <i>Blastomonas natatoria</i>
8 <sub>S.c.</sub>	<i>S. capricornutum</i>	Orange	<i>Mycobacterium cosmeticum</i>